Microstructure and mixing measurements during SPURS

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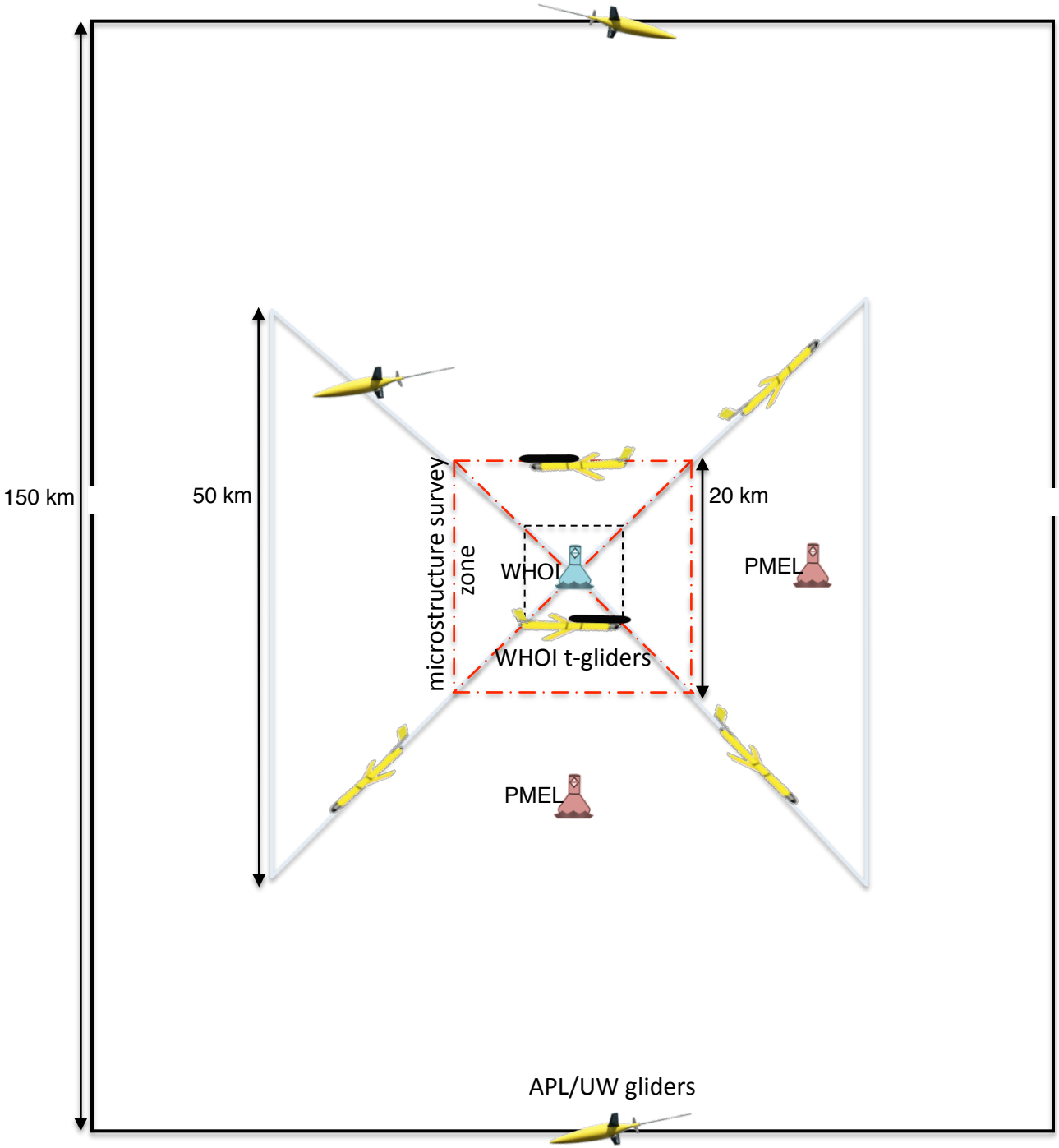
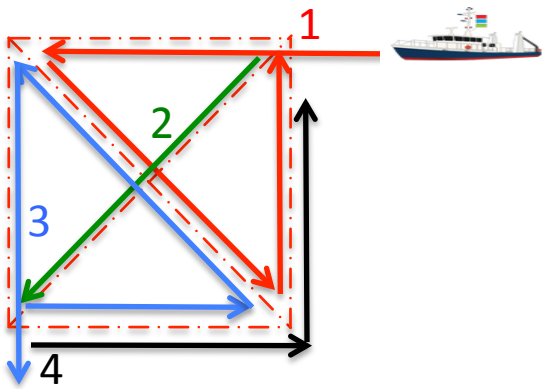
Funding: NSF

- Two Microstructure Gliders (200m , 1000m)
- Free-fall Rockland Microstructure Profiler
- Tethered Rockland Microstructure Profiler (backup)
- Modeling of upper-ocean mixing processes (tests of parameterizations)

SPURS Microstructure sampling plan around central mooring





Ship survey for conducting profiler operations
5-km station spacing,
7-hr intervals at each station ASIP + Deep Micro

1.NE triangle, 4 days
2.diagonal, 30 hrs
3.SW triangle, 4 days
4.outer perimeter, 60 hrs

full circuit is 12 days including transits

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